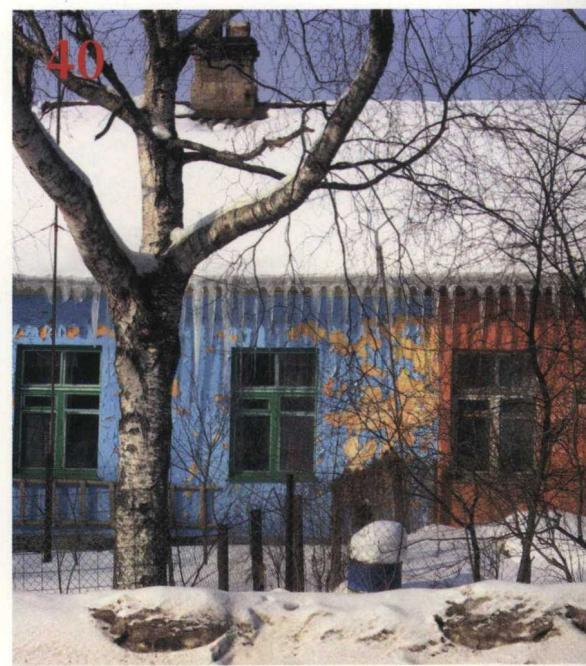
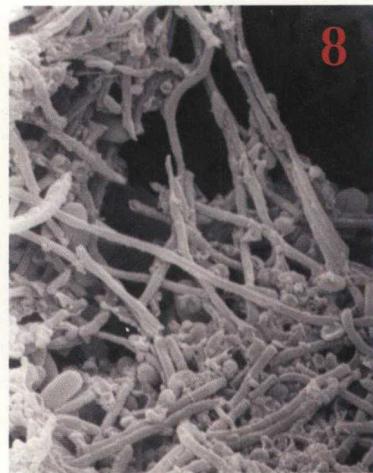
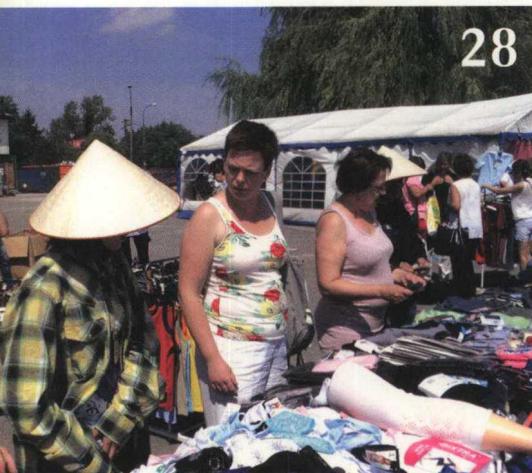


ACADEMIA

No. 1 (29) 2011

The Magazine of the Polish Academy of Sciences



Focus on

Tolerance in Poland

Aleksandra Grzymała-Kazłowska
Aleksandra Jasińska-Kania

Tolerance is declared more often in Poland than in most European countries

Focus on

The Social Life of Bacteria

Urszula Zielenkiewicz
Biofilms are everywhere
– in natural and human-affected environments, on the sea floor, and in our bodies

Briefly Speaking

What Lies Beneath the Surface

Barbara Engelking-Boni
Anna Engelking

Poland needs a multicultural society once again
– researchers agree

Editorial

3

38

Focus on

Modeling Geological Processes

4

40

The Living Earth, Paweł M. Rowiński, Wojciech Dębski

Microbiology

8

44

The Social Life of Bacteria, Urszula Zielenkiewicz

Psychology

12

46

Psychopaths in Suits, Jarosław Groth

Culture Studies

16

48

The Muranów Axis, Elżbieta Janicka

Archeology

20

50

Secrets of the Czerwień Towns, Marek Poznański

Environmental Geochemistry

24

51

Tracing the Trace Elements, Kinga Małecka

Sociology

28

52

Tolerance in Poland, Aleksandra Grzymała-Kazłowska, Aleksandra Jasińska-Kania

Theoretical Computer Science

32

53

Million Dollar Algorithm?, Marek Kubale

Research in Progress

36

Cover photo:

Scanning microscope image of limestone – the chalky deposit left behind after water is boiled

Theoretical Computer Science

36

Cover photo by: EastNews. Gallery: www.sxc.hu

Keeping Complexity Under Rein, Henryk Woźniakowski